

ex 1. (Twice Amended) An interposer for electrically coupling a semiconductive device to an electrical apparatus, the interposer comprising:

an electrically insulative substrate for coupling to an electric apparatus, said substrate having a portion that has a uniform thickness, and said portion having a planar surface; and

SUB D,  
an electrical conductor on the planar surface of the portion of the electrically insulative substrate, the electrical conductor having a receiving end on the planar surface of the portion of the electrically insulative substrate for connecting to a semiconductive device and a terminal end on the planar surface of the portion of the electrically insulative substrate for connecting to an electrical apparatus, such that the coupling of said substrate to said electric apparatus structurally supports said substrate with said terminal end in electric contact with said electric apparatus.

Q2  
10. (Twice Amended) An interposer for electrically coupling a semiconductive device to an electrical apparatus, the interposer comprising:

Sub D5  
a sheet for coupling to an electrical apparatus, said sheet having a portion that has a uniform thickness, and said sheet comprised of an electrically insulating material; and

an electrical conductor on the portion, the electrical conductor having a receiving end on said portion for connecting to a semiconductive device and a terminal end on said portion for connecting to an electrical apparatus, such that the semiconductive device is electrically coupled to the electrical apparatus when the semiconductive device is connected to the receiving end of the electrical conductor and the terminal end of the electrical conductor is connected to the electrical apparatus, such that the coupling of said sheet to said electric apparatus structurally supports said sheet with said terminal end in electric contact with said electric apparatus.

13. (Twice Amended) An interposer for electrically coupling a semiconductive device to an electrical apparatus, the interposer comprising:

an electrically insulative sheet for coupling to an electrical apparatus, said sheet having a portion that has a uniform thickness, and said portion being composed of a material selected from the group consisting of devitrified ceramics, vitro ceramics, single oxide ceramics, and mixed oxide ceramics, and mixtures thereof; and

an electrical conductor on said portion, the electrical conductor having a receiving end on said portion for connecting to a semiconductive device and a terminal end on said portion for connecting to an electrical apparatus, such that the semiconductive device is electrically coupled to the electrical apparatus when the semiconductive device is connected to the receiving end of the electrical conductor and the terminal end of the electrical conductor is connected to the electrical apparatus, such that the coupling of said sheet to said electric apparatus structurally supports said sheet with said terminal end in electric contact with said electric apparatus.

Sub D1  
14. (Twice Amended) An interposer for electrically coupling a semiconductive device to an electrical apparatus, the interposer comprising:

an electrically insulative sheet for coupling to an electrical apparatus, said sheet having a portion that has a uniform thickness, and said portion being composed of an electrically insulating material selected from the group consisting of alumina, alumina with silica, alumina with silicates, alumina with derivatives of silicates, and mixtures thereof; and an electrical conductor on said portion, the electrical conductor having a receiving end on said portion for connecting to a semiconductive device and a terminal end on said portion for connecting to an electrical apparatus, such that the semiconductive device is electrically coupled to the electrical apparatus when the semiconductive device is connected to the receiving end of the electrical conductor and the terminal end of the electrical conductor is connected to the electrical apparatus, such that the coupling of said sheet to said electric apparatus structurally supports said sheet with said terminal end in electric contact with said electric apparatus.

15. (Twice Amended) An interposer for electrically coupling a semiconductive device to an electrical apparatus, the interposer comprising:

an electrically insulative sheet for coupling to an electrical apparatus, said sheet having a portion that has a uniform thickness, and said portion being composed of an electrically insulating material selected from the group consisting of boron nitrides, aluminum nitrides, and mixtures thereof; and

an electrical conductor on said portion, the electrical conductor having a receiving end on said portion for connecting to a semiconductive device and a terminal end on said portion for connecting to an electrical apparatus, such that the semiconductive device is electrically coupled to the electrical apparatus when the semiconductive device is connected to the receiving end of the electrical conductor and the terminal end of the electrical conductor is connected to the electrical apparatus, such that the coupling of said sheet to said electric apparatus structurally supports said sheet with said terminal end in electric contact with said electric apparatus.

CA 5/28 41. (Once Amended) An interposer as recited in claim [20] 40, wherein the carbide comprises nonmetallic carbide.

46. (Once Amended) The interposer as defined in Claim [25] 45, wherein the nitride is a nonmetallic nitride.

47. (Once Amended) The interposer as defined in Claim [25] 45, wherein the nonmetallic nitride is boron nitride.

48. (Once Amended) The interposer as defined in Claim [25] 45, wherein the carbide is a nonmetallic carbide.